

BOROUGH OF CHRISTCHURCHREPORTOF THE MEDICAL OFFICER OF HEALTH.

To The Mayor, Aldermen and Burgesses
of the Borough of Christchurch.

Gentlemen,

I beg to submit to you my fifteenth Annual Report for the Borough of Christchurch which is for the year 1943.

In accordance with instructions received from the Minister of Health, this report is again submitted in considerably curtailed form, in view of the need for strict economy in the use of paper and owing to the continued increased pressure placed upon my Department by war conditions.

NATURAL AND SOCIAL CONDITIONS:

Detailed information together with many tables bearing upon vital statistics and sociological circumstances is to be found in all my Annual Reports up to the year 1939.

PUBLIC HEALTH OFFICERS:

Medical Officer of Health - Dr. C. Conyers Morrell, D.P.H.
Sanitary Inspector - Mr. F. le V. Friend, M.R.San.I.,
M.R.I.P.H.H.

Contributions to the salaries of the above officials are made under the Public Health Acts.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR 1943:

Area (in acres) - 5.198.

Registrar General's estimate of Population at the mid-year, 1943, for purpose of vital statistics - 14,570.

<u>Live Births</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	266	127	139
Illegitimate	22	14	8

Birth Rate per 1,000 of the estimated population - 19.7.

<u>Still Births</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	9	7	2
Illegitimate	-	-	-

Rate per 1,000 total (live and still) births - 30.3.

<u>Deaths</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
	220	96	124

Death Rate per 1,000 of the estimated population - 15.1.

Deaths from Puerperal causes - 1.

Death Rate of Infants under one year of age.

All infants per 1,000 live births - 48.6.

Legitimate infants per 1,000 legitimate live births - 48.8.

Illegitimate infants per 1,000 illegitimate live births - 45.4.

Deaths from Cancer (all ages) - 36.

Deaths from Measles (all ages) - 1.

Deaths from Whooping-Cough (all ages) - 0.

Deaths from Diarrhoea (under 2 years of age) - 1.

Cancer accounted for 16.3 per cent of all deaths. There were during 1943, 36 deaths attributed to this cause, of which 13 were males, and 23 females. 12 deaths were attributed to Influenza. 8 cases of Suicide were recorded. 3 deaths occurred due to Road Traffic Accidents.

The total number of Deaths under one year of age was 14, being 8 males and 6 females. Of these 8 deaths were attributable to prematurity or congenital defect.

VITAL STATISTICS FOR THE FIVE YEARS 1939 TO 1943.

Borough of Christchurch, and for England and Wales.

Christchurch.				England and Wales.			
Year	B.R.	D.R.	I.M.R.	B.R.	D.R.	I.M.R.	
1939	16.4	11.4	32	15.0	12.1	50	
1940	13.1	12.8	25	14.6	14.3	55	
1941	15.3	12.2	34	14.2	12.9	59	
1942	17.5	13.3	30	15.8	11.6	49	
1943	19.7	15.1	48	16.5	12.1	49	

NOTIFIABLE DISEASES (other than Tuberculosis) during the year 1943.

Disease	Total cases notified.	Cases admitted to Hospital.	Total Deaths
Scarlet Fever	41	23	0
Diphtheria	1	1	0
Erysipelas	4	1	0
Measles	93	-	1
Whooping-Cough	33	-	0
Pneumonia	9	-	6
Puerperal			
Pyrexia	1	1	0
Cerebro-spinal			
Fever	3	2	0

One case of Ophthalmia Neonatorum was notified during the year.
No untoward result.

TUBERCULOSIS - New cases and mortality during 1943.

	<u>New cases</u>	<u>Deaths</u>
Respiratory	11	5
Non-respiratory	5	5

Notification of Infectious Disease has been satisfactory. There is no evidence of excessive incidence, or mortality, from Tuberculosis in any particular occupation in the area.

WATER SUPPLY. The whole of the Borough is served by Mains of the West Hampshire Water Company, and apart from a very few outlying cottages, all houses are connected therewith.

The new source of supply is the River Avon, and complete purification of water is attained at the Company's Works. To ensure absolute safety, final purification is obtained by Chloramine treatment.

The supply is constant and has continued to be consistently of the highest degree of chemical and bacterial purity. The water is of moderate hardness, no plumbo-solvent action, and entirely free from metals.

DIPHTHERIA IMMUNISATION. Under the scheme adopted by your Council in 1940, immunisation has continued to be carried out on a sessional basis arrangement by private practitioners.

The prophylactic used has been Alum Precipitated Toxoid. The total number of children immunised during the year 1943 was 172. According to the estimated number of children 0-14 years of age at mid 1943 given by the Registrar-General, the percentage of these children immunised stands at 65.6. The total number of immunisations carried out in your Borough from the inauguration of the scheme in 1940 up to the present time, is 2,057.

SCABIES. During 1942 special provision was made for the treatment of Scabies by arrangements for cases, both male and female, to be treated at the A.R.P. Gas Cleansing Centre, at Millhams Street First Aid Post, treatment being carried out by the Sister-in-charge of the First Aid Post, assisted by full-time Gas Cleansing personnel. This has continued during 1943. In addition, the more severe cases occurring among children suffering from secondary impetiginous infection have been admitted to "Killough", the Borough of Christchurch Evacuation Hostel, situated in New Milton.

During the year 1943, 80 cases have been treated at the A.R.P. Gas Cleansing Station, and 7 cases at "Killough" Hostel. In addition, a certain number of cases have received treatment from their own medical attendants. In general, medicament employed has been Benzyl-benzoate emulsion. In no instance has it been necessary to issue notices for compulsory inspection or treatment under the Scabies Order, 1941.

VENEREAL DISEASES. Defence Regulation 33B, Venereal Diseases, is administered by the County Medical Officer. During 1943, no occasion arose necessitating the serving of Form 2 upon any person resident in your Borough suspected through information by two informers of contraction of Venereal Disease.

GOVERNMENT EVACUATION HOSTEL. This Hostel situated at "Killough", Barton Court Avenue, New Milton, under the control of the Borough of Christchurch, and which provides accommodation for ten children, has continued to function in a very satisfactory manner. I wish to express my thanks to Dr. Kate Ball who has continued to carry out in the most kindly and generous manner, medical supervision and treatment of children accommodated at the Hostel, and also to Miss Stickland, Matron of the Hostel, and her assistant Miss Ash, who have done so very much to ensure the general welfare and happiness of the children.

During the year 1943, 49 children have been received into the Hostel, of which from the Borough of Christchurch 11 were Scabies, 18 Impetigo, and 8 others. The remaining 12 children were admitted from the Borough of Lymington and from the Rural District of Ringwood and Fordingbridge.

SANITARY INSPECTION OF THE AREA. A very detailed and comprehensive report has been submitted to you by your Sanitary Inspector, Mr. F. le V. Friend, of the work carried out by him during the year 1943.

The total number of inspections carried out during the year, was 2,296.

The following notes summarise the more important items detailed in Mr. Friend's report.

COWSHEDS AND DAIRIES. 80 inspections were made, and in one case only was it found necessary to take action against the occupier of Dairy premises.

During the year a mechanical milking machine was installed at Roeshot Farm.

The number of persons registered as Cowkeepers is 13, and the number of premises registered as Cowsheds is 13. The number of persons registered as retail purveyors of milk is 12, there being also 4 persons resident outside the District who retail milk in your Borough.

EXAMINATION OF MEAT AND FOOD STUFFS. 213 visits were made. 507 pounds of uncanned meat, including bacon, were condemned, and 162 tins of canned meats. 739 pounds of uncanned fish and 37 tins of canned fish. In addition, 94 tins of milk, 277 pounds of Ship Biscuits, and a small quantity of sugar, jams, tinned fruit and vegetables, were dealt with.

DRAINAGE AND SANITATION. Several existing drainage systems were overhauled and partly relaid; 4 premises were connected to the Sewer during the year. Owing to war-time conditions, works of an essential nature only have been carried out.

HOUSE REFUSE COLLECTION AND DISPOSAL. The very complete re-organisation of the scheme for refuse collection and disposal inaugurated by Mr. Friend in 1942 has proved eminently satisfactory resulting in a large saving, not only of money, but of petrol, the consumption of petrol for this purpose having been reduced by no less than 704 gallons over that of 1942 and by 1322 gallons over that consumed in 1941, a saving which amounts to approximately 80 per cent. Mr. Friend is to be very much congratulated upon this admirable achievement which has coupled increased efficiency in the collection of refuse with a remarkable saving in the consumption of petrol so important at the present time.

The disposal of refuse has continued to be carried out by controlled tipping at the Corporation's Dump at Stanpit Marshes. Unfortunately this tipping which takes place on water-logged ground has not been entirely devoid of unpleasantness and annoyance to persons living in the vicinity, and I would again stress the importance of ample supplies of suitable covering material at all times. Considerable difficulty also arises from the almost daily presence of children, including quite young children, on the Dump, who pick over the rubbish in search of debris for purposes of play or for taking home to their parents. This is a matter which requires your most careful consideration, since obvious considerable risk to the health of the children is involved, quite apart from risk of injury. The war-time shortage of firing materials and domestic utensils appears to have recently increased greatly this trespass on the Dump, and provision is needed to prevent such trespass. Notice boards are quite ineffective.

Rat incidence at this Dump has considerably decreased since the work of rat destruction has been carried out by direct labour. Gassing is carried out periodically with the aid of the "Australian Foot Pump" and "Cyanogas". "It will no doubt be appreciated" states Mr. Friend "that it is practically impossible to completely rid a tip of rats, particularly so when the tip is near water".

VERMIN (BUGS). 7 complaints of infestation of premises were received during the year. In only three cases were these complaints definitely confirmed. Disinfestation was carried out satisfactorily by means of "Zaldecide".

DISINFECTING STATION. During the year, 6,393 Blankets, 1,329 Mattresses and 1,626 Pillows have been dealt with. In addition, several lots of bedding and clothing were also treated by the Bacterol Disinfector. The demand upon this Disinfecting Station shows an increase of over 50 per cent upon that of 1942.

HOUSING. One case only of overcrowding was brought to notice during the year. This was abated by rehousing the family concerned. During the year 17 houses have been reconditioned in various respects, while complaints received relative to matters not likely to result in serious deterioration or inconvenience to the occupiers have been set aside with a view to being dealt with when circumstances permit.

A partial review of housing in the Borough in respect to overcrowding was carried out during the year, some 489 premises being inspected and rooms measured.

SHOPS ACTS. Inspections have been made at frequent intervals to ensure compliance with the requirements of the Acts. 129 visits were made during the year.

BAKEHOUSES. 20 visits were made during the year, and, with one exception of a bakehouse requiring limewashing of walls and ceilings, all were found maintained in a satisfactory state.

MOSQUITO CONTROL. 25 visits were made and necessary action taken to abate mosquito nuisance. No evidence has been forthcoming of the prevalence of malaria-carrying mosquitoes in the District.

ABATEMENT OF NUISANCES.

Number of Notices served :-

Notices	Outstanding 31.12.42.	Number Served	Complied With	Work done by L.A. in default	Outstanding 31.12.43.
Informal	9	137	140	-	6
Statutory	-	6	6	-	-
Total	9	143	146	-	6

Summary of Statutory Notices served :-

Section 75, Public Health Act, 1936.....-

Section 93, Public Health Act, 1936.....6

Number of letters written.....708

NOTIFICATION OF BIRTHS ACT, VENEREAL DISEASES ACT, 1917; FOOD AND DRUGS ACT; MATERNITY AND CHILD WELFARE ACTS; and MIDWIVES ACT; are administered by the County Council.

SCHOOLS AND CHILD WELFARE. The Medical Inspection of children in the Schools is carried out by the Staff of the County Medical Officer, as also the conduct of the Child Welfare and School Clinics, Tuberculosis, Ophthalmic, Orthopaedic, Dental and Ante-natal Clinics, all of which are conducted at the Millhams Street Welfare Centre. The general health of infants and children has continued to be well-maintained. Special attention has been paid to the war-time incidence of Scabies and Impetigo. A slight apparent tendency to increase in allergic conditions among children has been observed. This, I believe, is more or less common throughout the country, and is probably not attributable to war-time diet.

Considerable and urgent need exists for one or more convalescent Homes in the County to which ailing and debilitated children may be sent. Much of the valuable work carried out at Clinics is depreciated by the practically complete absence of such provision, and I sincerely trust that immediately after the cessation of hostilities both your Council and the County Council

will give urgent and serious consideration to this highly desirable addition to health and social services. I am absolutely convinced from forty years experience of child welfare, not only in this southern area but also in one of the most congested and heavily populated areas in east London, that any expenditure so incurred would more than amply repay itself. So long ago as 1904, Dr. Mirabail, Professor of Physiology at Toulouse, proved conclusively by a series of very concise scientific investigations the remarkable benefits to health and physique derived by debilitated children from short residence in convalescent homes; improvement in weight and height, in muscular tone, in respiratory action, in red-cell blood content, and so on.

Forty years have passed, and yet convalescent homes are still lacking to benefit the children of your District. The child makes the man. Much disease and frailty and neurosis in adult life is the consequence of neglect of adequate care and bodily recuperation of the child during periods of debility. Complete change, rest, and nutritional care in happy surroundings is far more valuable than oceans of medicaments and vitamins administered under adverse conditions.

Ample accommodation for children, especially of the labouring classes, in convalescent homes is, in my opinion, an absolutely essential adjunct to the now much discussed health services of the future if they are to be really effective. Education reform is of secondary importance unless the child is physically and consequently mentally fit to profit thereby.

LEGISLATION IN FORCE. See Reports for 1938, 1939, and 1940.

GENERAL. The general health of the population of your Borough has continued to be satisfactory, and good sanitation has been maintained. There has been no exceptional incidence of infectious disease. A considerable amount of attention has been given by my Department to the maintenance of the highest possible standard of efficiency of the Civil Defence Casualty Service in your Borough, and complete, efficient and friendly co-operation has continued with all other branches of Civil Defence. I wish to convey to Mr. F. le V. Friend, your Sanitary Inspector, my especial appreciation of the unfailing and valuable assistance he has at all times given me in all matters connected with technical sanitation, and to express to your Council and its officers my appreciation of the continued help and consideration extended to me.

I am, Gentlemen,
Your obedient Servant,

C. CONYERS MORRELL.

12th June, 1944.

Medical Officer of Health.

HOUSING STATISTICS FOR THE YEAR
ENDING 31st DECEMBER, 1943.

Number of inhabited houses 1921.....	1406.
" " " " 1931.....	2409.
" " " " 1943.....	4700.
" " Dwellings and Shops 1943.....	5110.
Rateable Value, 31st December, 1943.....	£147,953.
Sum represented by a penny rate, 1943.....	£589.

HEALTH
A 18 MAY 1944
C.R. 37

BOROUGH OF CHRISTCHURCH

SANITARY INSPECTOR'S ANNUAL REPORT

FOR THE YEAR 1943.

To The Mayor, Aldermen and Burgesses
of the Borough of Christchurch.

Gentlemen,

I have the honour to submit to you my third Annual Report covering the period 1st January to 31st December, 1943.

A total of 2296 inspections was made during the year, a decrease of 513 on the number for the previous year, this decrease being due to my absence, owing to illness, for several weeks. Of the number of inspections carried out, 103 were made while work was in progress. Table 1 shows in detail the principal matters which were made the subject of these visits.

The principal items of the report are set out in classified order as follows :-

1. HOUSING - SLUM CLEARANCE:-

It is very much to be regretted that existing conditions preclude one from taking any action in this matter. I have no doubt that it is generally appreciated that conditions in property of this nature go from bad to worse, and that there is little or nothing that can be done to alleviate the conditions under which the occupiers of such premises are living. I am hopeful however, that this matter may be dealt with in the not too distant future and that decent housing conditions will be provided for those at present living in what is little short of squalor.

2. HOUSING - RECONDITIONING:-

Only absolutely essential repairs were called for during the year, any complaints relative to matters which were not likely to result in serious deterioration or inconvenience to the occupiers being set aside with a view to being dealt with when circumstances permit. Consequently, the Housing Programme for the year under review is rather lean, only 17 houses having been dealt with. In order to facilitate the carrying out of essential repairs, the Ministry of Health issued Circulars 2828e and 2871 in June and October respectively. These Circulars lay down the procedure to be adopted for procuring the necessary labour and materials for the repair and maintenance of houses.

3. HOUSING - ABATEMENT OF OVERCROWDING:-

Only one case of overcrowding was brought to my notice during the year. This concerned a family consisting of husband and wife and 6 children occupying one room capable of accommodating 2 persons only. With the assistance of the Town Clerk's Department this family was rehoused at No. 20 Pound Lane.

On perusing Table 7 it will be noticed that 2 cases of overcrowding were relieved during the year. The second

case refers to one of the Council Houses in Queens Road which was overcrowded at the end of 1942 but which has since been vacated by the family concerned.

It has been found possible, with the aid of Miss Mc. Dermid, a clerk in my Department, to carry out a partial check on overcrowding in the Borough and during the year under review 489 premises were inspected, rooms measured, and Overcrowding Forms prepared.

4. MEAT AND FOOD INSPECTION:-

Slaughtering is still being carried out in the Government-Controlled slaughterhouses, in Bournemouth, all meat being subjected to examination by the Meat and Food Inspectors prior to release. A relatively small quantity of beef and pork was condemned by me during the year and such meat was returned to the Ministry of Food Depot at Bournemouth.

213 visits were made to the various food shops and restaurants, and in general these were found to be in a satisfactory state.

Table 2 shows the articles of food which were found to be unfit and which were consequently condemned.

5. SLAUGHTERHOUSES:-

Due to the fact that slaughtering is now centralised, the 4 slaughterhouses in the Borough are only used for the slaughter of cottager's pigs, which pigs are slaughtered only on issue of a permit by the Ministry of Food. 10 visits were paid to these establishments during the year.

6. DAIRIES AND COWSHEDS:-

80 inspections of dairies and cowsheds have been made during the year. It is pleasing to be able to report that the generally high standard of cleanliness has been maintained and that in only 1 case was it found necessary to take action against the occupier of dairy premises in this Borough. The case in question was dealt with under Section 22 of the Food and Drugs Act, 1938, the occupier of the premises having been made to appear before the Public Health Committee to show cause why the Local Authority should not, for reasons stated in the Notice, cancel his licence as a retail purveyor of milk. This action resulted in a considerable improvement at the dairy but it is regrettable to have to state that the individual concerned is not of the type who can, without constant supervision, maintain a standard of cleanliness which complies with the requirements of the Milk and Dairies Acts and Orders.

During the year, a mechanical milking machine was installed at Roeshot Farm.

Table 3 sets out in detail a full summary as recorded in the Register.

7. DRAINAGE:-

Comparatively little work of this nature has been carried out and only 4 premises were connected to the Sewer during the year. Several existing drainage systems were overhauled and partly relaid.

8. GAS DECONTAMINATION:-

Reference to my Report for 1942 will reveal that I there state that efforts were being made to obtain suitable premises for the treatment of food contaminated by war gases and thus obviate having to transport all such food to the Bournemouth site. In the early part of 1943 it was decided to erect a new shed on Stanpit Marshes for dealing with salvage, and advantage was taken of this to ensure that the building would also be suitable for the treatment of food contaminated by gas.

The building has been viewed by Mr. Hearn, Divisional Gas Liaison Officer, and approved for this purpose. Two exercises have been held during the year to give members of the Food Treatment Squad an opportunity of acquiring practical knowledge of the decontamination of food. The greater part of the necessary equipment has been obtained. I have not yet procured a suitable table, impervious to gas, which table is required in connection with the trimming, etc., of food.

9. VERMINOUS PREMISES:-

7 complaints of bug infestation were lodged with the Department during the year. In only three cases were these complaints definitely confirmed. In all other cases it was impossible to find any signs of infestation and though a careful watch was maintained on the premises concerned no signs of this pest have been found. Of the three confirmed cases, only one showed signs of heavy infestation, bugs being present in hundreds. Arrangements were made to have the walls stripped of paper and woodwork removed. Infested rooms were treated with "Zaldecide", an agent which has proved to be very effective. In some cases treatment had to be repeated two, and sometimes, three times.

10. CAMPING SITES:-

Due to wartime restrictions these sites are no longer permitted to be used and licences have therefore not been issued.

11. PUBLIC CLEANSING:-

(a) Refuse Collection.

I have little to add to the remarks which I made last year when, if reference is made to my Report for 1942, I submitted a fairly comprehensive report on the system which I inaugurated during that year. This system, with but few exceptions, has worked satisfactorily and has resulted in a tremendous saving, not only of cash, but of petrol, consumption figures for the latter being set out in Table 8 and a reference to which will reveal that 1681 gallons of petrol were used during the year as against 2385 in 1942 and 3003 in 1941.

The 2 new lorries which have been in operation for 16 months have, as was to be expected, had teething troubles, but on the whole they have given very good service and by reason of their size have more than paid for themselves during the comparatively short period they have been in use.

(b) Refuse Disposal.

Refuse is, as far as possible, disposed of by Controlled Tipping. The very fact that such tipping takes

place on water-logged ground is at variance with the instructions laid down by the Ministry of Health. However, tipping in this Borough is being carried out with the minimum of nuisance and is being the means of reclaiming what will one day be very valuable land.

In June 1942, I asked the Public Health Committee to authorise me to tip refuse on the parcel of land adjoining Stanpit Road. Filling in of this land commenced in September 1942 and the greater part of the marshy ground between the road and the culvert has now been reclaimed. Objection to this scheme was raised by some of the inhabitants at Stanpit and Mudeford, but as the work of filling in has progressed with little or no nuisance, no further objections have been raised and I think that those living in the vicinity are realising that the filling in of this land has been a definite improvement.

It is to be regretted that no means has so far been found to enclose the tip and thereby prevent trespass and indiscriminate tipping, the latter being very prevalent at weekends when the tip is not manned, the greater part of such tipping being done by Service personnel.

A total of 1278 loads of house and trade refuse have been tipped on the Marsh during the year. In addition, 1776 loads of road sweepings and other materials have been dealt with.

12. DESTRUCTION OF RATS:-

The rat population at the dump has considerably decreased since this work has been carried out by direct labour. Gassing is carried out periodically with the aid of the "Austrelian Foot Pump" and "Cyanogas". It will no doubt be appreciated that it is practically impossible to completely rid a tip of rats, particularly so when the tip is near water.

25 complaints of rats in various parts of the Borough were lodged with the Department during the year. In 6 instances the complaints were not confirmed. Bait, when available, was laid, with varying results, but efforts are being made to destroy this pest.

I attended, as your representative, a course of Rodent Control inaugurated by the Ministry of Food and held at Dorchester on August 10th and 11th.

The Ministry is proposing to institute a National Rat Campaign early in the New Year when all Local Authorities will be required to participate.

13. DISINFECTING STATION:-

Considerable use has again been made of the Bacterol Disinfector at Quomps; 6393 Blankets; 1329 Mattresses and 1626 Pillows having been dealt with. In addition, several articles of bedding and clothing have also been passed through the apparatus.

14. COMPLAINTS:-

303 complaints were received and dealt with during the year. Table 5 shows in detail the nature of these complaints.

15. SALVAGE:-

Salvage has again loomed largely in the activities of the Department during the year and although no record-breaking results have been achieved, there has been a steady flow of this material coming in during the whole of the year.

As will be seen, by making a comparison with Table 9 for the year 1942, there is a decrease of approximately 88 tons in the quantity of paper collected. This decrease was foreseen in 1942 and reference made to it in my report for that year. All other items of salvage are more or less on a par with the previous year with the exception of metals which show a considerable increase.

The sum of £1324. 5. 7. realised during the year, though not so large as in 1942, is nevertheless quite a considerable figure and it is to be hoped that this source of income will be maintained.

As the owner of the Priory Garage, Purewell, was in urgent need of these premises, which were being used as a Salvage Depot, it was found necessary to seek alternative accommodation and as no suitable premises could be found it was decided to erect a shed at Stanpit Marsh.

The new depot is an all steel structure provided with concrete floor; drainage; water supply; sanitary accommodation and means of heating and is in every way suited to the purpose. If and when the collection of salvage is discontinued, this depot will make a first class garage for the Corporation's vehicles.

The cost of erecting and painting this depot inside and out was £432.

16. KITCHEN WASTE:-

At the behest of the Ministry of Supply, it was decided to inaugurate a system of collection in parts of the Borough not already covered by private enterprise.

Consequently, after a somewhat prolonged delay in obtaining the necessary bins, a system of collection was put into operation on the 16th December, 1942. It was not anticipated that results would be outstanding and this was made clear to the Committee when the scheme was mooted. However, as the Ministry more or less insisted that collection of this material should be undertaken, it was decided to go on and the results achieved are shown below.

<u>Waste Collected</u>	<u>Income</u>	<u>Expenditure</u>
T. C. Q. Lbs.	£. s. d.	£. s. d.
7. 0. 1. 17.	12. 14. 9.	38. 3. 9.

From this it will be seen that the expenditure exceeds the income by £25. 9. 0. Against this figure however, must be set the value of the bins which is £18. 9. 9. Therefore, the final figure shows a loss of £6. 19. 3. on the year. It is to be hoped that this loss may be adjusted during the coming year.

17. FACTORIES ACT, 1937:-

15 visits have been made to these premises during the year. Generally speaking these are being maintained in a

satisfactory state in so far as the Health provisions of the Act are concerned. In 1 instance the sanitary accommodation was found to be not in accordance with the requirements of the Sanitary Accommodation Regulations, 1938. A Notice was served on the occupier and 2 new W.C. compartments and washing facilities have now been provided.

9 visits have been made in regard to Outworkers.

18. FOOD AND DRUGS ACT, 1938:-

20 visits have been made to bakehouses during the year. In only one instance was it found necessary to serve Notice under Section 13 of the Food and Drugs Act, which deals with the limewashing of walls and ceilings. All other bakehouses were maintained in a satisfactory state.

19. SHOPS ACT:-

Inspections are made at irregular intervals to ensure compliance with the requirements of the Acts.

129 visits were made during the year. In 1 instance it was found that a person dealing in second-hand clothing was trading on Sundays and was advertising the fact in the columns of the local press. The person concerned was interviewed and her attention drawn to the fact that she was contravening the requirements of the Shops (Sunday Trading Restriction) Act, 1936. There has been no recurrence of the trouble.

20. CONCLUSION:-

This has again proved to be a busy year, throughout which I have received the willing co-operation of His Worship the Mayor (Councillor T. Markham), The Chairman of the Public Health Committee and the Medical Officer of Health (Dr. C. Conyers Morrell). I also express sincere thanks to Mr. W.D. Platt, Town Clerk, and to all members of the staff for their support and co-operation.

Your obedient Servant,

Town Hall,
Christchurch.
May, 1944.

Francis J. N. Friend
Sanitary Inspector.

TABLE 1.

SUMMARY OF INSPECTIONS

Housing Visits	.....	810.
Re-inspections	.....	44.
Works in progress	.....	55.
Drainage Visits	.....	85.
Re-inspections	.....	29.
Works in progress	.....	48.
Visits on Complaint	.....	303.
Re-inspections	.....	57.
Slaughter houses	.....	10.
Food Shops	.....	203.
Dairies, Cowsheds and Milkshops	.....	80.
Infectious Diseases	.....	61.
Verminous Premises	.....	87.
Factories	.....	15.
Out Workers	.....	9.
Bakehouses	.....	20.
Schools	.....	1.
Vans, Tents, etc.	.....	-
Shops	.....	129.
Refuse Collection and Disposal	.....	38.
Salvage	.....	59.
Mosquito Control	.....	25.
Miscellaneous	.....	128.
		2296.

TABLE 2.

Articles of Food condemned during the year.

Pork Luncheon Meat	(Blown)	21 tins.
Pork Sausage Meat	(Blown)	4 tins.
Beans & Tomatoes	(Blown)	2 tins.
Milk	(Blown)	94 tins.
Picnic Roll	(Blown)	1 tin.
Mackerel	(Blown)	7 tins.
Vegetable Soup	(Blown)	1 tin.
Party Loaf	(Blown)	3 tins.
Sugar	(Saturated with moisture)	32 lbs.
Bacon	(Decomposed)	90 $\frac{1}{4}$ lbs.
Blackberries	(Blown)	2 tins.
Plums	(Blown)	66 tins.
Beans	(Blown)	49 tins.
Sausage	(Blown)	1 tin.
Meat Soup	(Blown)	5 tins.
Tomatoes	(Blown)	1 tin.
Meat paste	(Decomposing)	2 jars.
Prunes	(Blown)	1 tin.
Meat Roll	(Blown)	2 tins.
Pears	(Blown)	11 tins.
Beef	(Bone taint and Decomposition)	339 $\frac{1}{4}$ lbs.
Oranges	(Unwholesome)	66 $\frac{1}{2}$ lbs.
Chopped Ham	(Blown)	10 tins.
Biscuits (Ship)	(Saturated with salt water)	277 lbs.
Apples	(Blown)	7 tins.
Salmon	(Blown)	6 tins.
Pineapple	(Blown)	2 tins.
Stewed Steak	(Blown)	2 tins.
Ready Meal	(Blown)	7 tins.
Sardines	(Blown)	3 tins.
Peas	(Blown)	5 tins.
Fig Jam	(Holed)	2 tins.
Corned Beef	(Blown)	81 tins.
Corned Mutton	(Blown)	13 tins.
Pork	(Decomposed)	78 lbs.
Eggs	(Unwholesome)	11 $\frac{1}{2}$ doz.
Butter	(Rancid)	$\frac{3}{4}$ lb.
Pilchards	(Blown)	21 tins.
Fish Paste	(Unwholesome)	2 jars.
Herrings	(Unwholesome)	10 $\frac{1}{2}$ stone.
Lobsters	(Dead)	60 lbs.
Pilchards	(Unwholesome)	30 stone.
Rabbit	(Blown)	1 tin.
Haddock	(Unwholesome)	6 stone.
Cod	(Unwholesome)	8 stone.
Carrots	(Blown)	3 tins.
Prepared Meal	(Blown)	3 tins.
Casserole Steak	(Blown)	1 tin.
Piccalilli	(Contaminated by glass)	1 jar.
Salmon & Shrimp Paste	(Contaminated by glass)	1 jar.
Jam	(Contaminated by glass)	37 lbs.
Syrup	(Contaminated by paraffin)	4 lbs.
Melon & Ginger	(Blown)	1 tin.
Steak & Kidney	(Blown)	7 tins.

TABLE 3

MILK SUPPLY

MILK AND DAIRIES ORDER, 1926.

The following is a Summary of the particulars as recorded in the Registers at the 31st. December, 1943.

No. of persons registered as Cowkeepers.....	13
No. of premises registered as Cowsheds.....	13
No. of cowkeepers who are also retailers of Milk.....	5
No. of persons registered as dairymen.....	12
No. of persons registered as retail purveyors of Milk.....	12
No. of persons resident outside the district retailing milk in the area.....	4

TABLE 4.

Record of Nuisances abated
and work done.

The following statement shows in detail the works carried out, as a result of action taken, under the supervision of the Department :-

(a) DRAINAGE

No. of houses or premises drained or redrained.....	4.
Repairs or amendments to existing drains.....	13.
Drains or gullies unstopped and cleansed.....	32.
Length in yards of stoneware drains laid.....	89.
Manholes provided.....	3.
New Manhole Covers.....	1.
Intercepting Traps fixed.....	1.
New gully traps fixed.....	5.
Fresh air inlet to drain fixed.....	-
Soil Pipes or Vent Shafts fixed.....	1.
Soil Pipes or Vent Shafts repaired.....	1.
Water tests applied.....	6.

(b) SANITARY CONVENIENCES AND FITTINGS

New W.C. Accommodation provided.....	5.
New W.C. Apartments provided.....	4.
New W.C. Pedestals provided.....	8.
W.C's cleansed and repaired.....	3.
New flushing cisterns provided.....	6.
Flushing cisterns repaired.....	3.
Baths provided.....	1.
Sinks provided.....	2.
Cesspits abolished.....	1.
Existing Waste Pipes trapped.....	3.
Pail Closets and/or Middens abolished.....	1.

TABLE 4 (Contd)

(c) MISCELLANEOUS

New roofs provided.....	-
Roofs repaired.....	12.
Eaves gutters renewed or repaired.....	6.
Stack pipes provided.....	3.
Stack pipes disconnected or repaired.....	1.
Damp walls remedied.....	-
Ventilation under floors provided.....	18.
Yards paved.....	2.
Yards repaired.....	1.
Floors of rooms relaid.....	12.
Floors of rooms repaired.....	8.
Rooms cleansed and redecorated.....	25.
New windows provided.....	-
Windows repaired and/or made to open.....	34.
Plaster of walls or ceiling repaired.....	4.
Doors repaired or renewed.....	8.
Ventilated food stores provided.....	-
Staircases provided or repaired.....	-
Dustbins provided.....	18.
Nuisances - Overcrowding, abated.....	2.
" - Animals.....	1.
" - Smoke.....	-
" - Accumulation of manure.....	1.
" - Accumulation of refuse.....	3.
Cowsheds and Dairies cleansed.....	2.
Fish Fryer's premises cleansed.....	1.
Grates, Ranges, Coppers, renewed or repaired.....	3.
Rooms disinfected.....	56.
Miscellaneous.....	-

TABLE 5

COMPLAINTS RECEIVED

During the year 303 Complaints were received as detailed below :-

<u>NATURE OF COMPLAINT</u>	<u>NO. RECEIVED</u>
Choked drains.....	31.
Dilapidations.....	25.
Defective Water Supply.....	3.
Dampness.....	4.
Overflowing Cesspits.....	1.
Defective Water Closets.....	6.
Absence of dustbins.....	4.
Animals.....	4.
Smells.....	20.
Non-removal of refuse.....	12.
Defective sinks.....	3.
Accumulation of refuse.....	5.
Verminous premises.....	17.
Defective flushing Cisterns.....	2.
Overcrowding.....	1.
Defective flues.....	4.
Food.....	117.
Rats.....	25.
Non-collection of salvage.....	3.
Miscellaneous.....	16.
	<u>303.</u>

NUMBER OF NOTICES SERVED

Table 6 shows the action taken to secure the abatement of nuisances and the removal of conditions prejudicial to health.

TABLE 6

Number of Notices Served

NOTICES	OUTSTAND- ING 31-12-42	NUMBER SERVED	COMPLIED WITH	WORK DONE BY L.A. IN DEFAULT	OUTSTAND- ING 31-12-43
INFORMAL	9	137	140	-	6
STATUTORY	-	6	6	-	-
TOTAL	9	143	146	-	6

SUMMARY OF STATUTORY NOTICES SERVED :-

Section 75, Public Health Act, 1936..... -

Section 93, Public Health Act, 1936..... 6

Number of letters written.....708.

HOUSING STATISTICS

TABLE 7

HOUSING ACT, 1936: OVERCROWDING

(a)	1. Number of dwellings overcrowded at the end of the year.....	2
	2. Number of families dwelling therein.....	2
	3. Number of persons dwelling therein.....	14
(b)	Number of new cases of overcrowding reported during the year.....	1
(c)	1. Number of cases of overcrowding relieved during the year.....	2
	2. Number of persons concerned in such cases.....	16½
(d)	Particulars of any cases in which dwellinghouses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding.....	Nil
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.....	Nil

TABLE 8

RECORD OF PETROL AND OIL CONSUMED
BY REFUSE LORRIES DURING 1942 & 1943.

MONTH	PETROL (GALLONS)				MONTHLY TOTAL	OIL (PINTS)				MONTHLY TOTAL
	1.	LORRY 2.	3.	4.		1.	LORRY 2.	3.	4.	
1942 JANUARY	74	81	62	29	246	2	4	6	6	18
FEBRUARY	51	63	77	23	214	4	4	7	13	28
MARCH	68	92	32	53	245	3	5	4	4	16
APRIL	75	78	49	29	231	17	4	2	4	27
MAY	74	78	58	8	218	8	4	7	2	21
JUNE	60	90	63	6	219	10	6	17	2	35
JULY	60	-	75	67	202	8	-	12	23	43
AUGUST	68	57	18	58	201	4	-	4	17	25
SEPTEMBER	83	68	-	7	158	4	2	-	4	10
OCTOBER	82	69	-	6	157	2	4	-	2	8
NOVEMBER	72	57	-	7	136	4	2	-	2	8
DECEMBER	70	71	-	17	158	2	2	-	2	6
<u>TOTAL</u>	837	804	434	310	2385	68	37	59	81	245
1943 JANUARY	58	74	-	24	156	12	10	-	8	30
FEBRUARY	7	70	-	75	152	-	-	-	20	20
MARCH	75	57	-	20	152	2	4	-	6	12
APRIL	69	57	-	8	134	4	2	-	4	10
MAY	83	57	-	15	155	2	2	-	4	8
JUNE	56	39	-	8	103	-	2	-	2	4
JULY	70	56	-	8	134	2	4	-	-	6
AUGUST	87	63	-	16	166	12	10	-	-	22
SEPTEMBER	60	55	-	9	124	-	2	-	-	2
OCTOBER	72	54	-	8	134	-	4	-	-	4
NOVEMBER	73	54	-	9	136	2	2	-	-	4
DECEMBER	71	55	-	9	135	2	4	-	-	6
<u>TOTAL</u>	781	691	-	209	1681	38	46	-	44	128
Corrpdg. figures 1941.	625	899	940	539	3003	162	112	112	92	478

TABLE 9

RECORD OF SALVAGE TRANSACTIONS DURING THE YEAR ENDED

31st. DECEMBER, 1943.

MONTH	PAPER		METALS		BONES		RUBBER		TEXTILES		BOTTLES & JARS		MISC		TINS		VALUE
	T.	C. Q.	Ibs.	T.	C. Q.	Ibs.	T.	C. Q.	Ibs.	T.	C. Q.	Ibs.	Doz.	Ibs.	T.	C. Q.	£. s. d.
JANUARY	10.	4.	1. 15.	10.	3. 4.	8. 3. 0.	--	--	13. 0. 25.	--	--	49	--	--	29. 0. 0. 0.	102. 1. 5.	97. 8. 9.
FEBRUARY	9.	2.	2. 21. 1.	9. 3. 14.	4. 0. 0.	--	--	--	--	--	--	76	--	--	29. 0. 0. 0.	102. 1. 5.	97. 8. 9.
MARCH	14.	8.	3. 20. 1.	1. 0. 16.	12. 2. 0.	1. 16. 0.	0. 1. 4. 1. 0.	--	--	--	--	84	--	--	--	142. 10. 2.	142. 10. 2.
APRIL	11.	7.	1. 7.	1. 2. 26.	5. 2. 0.	--	--	12. 0. 0.	110	111	--	68	--	--	--	104. 15. 3.	142. 17. 6.
MAY	12.	5.	3. 20.	16. 2. 20.	7. 2. 0.	--	--	14. 1. 0.	--	70	--	70	--	--	--	110. 6. 10.	104. 15. 3.
JUNE	12.	5.	3. 16.	18. 0. 20.	5. 2. 0.	1. 18. 2. 0.	16. 2. 0.	--	--	45	--	45	--	--	--	112. 6. 5.	110. 6. 10.
JULY	12.	3.	0. 9.	4. 4. 0. 4.	9. 1. 0.	--	--	17. 1. 16.	--	534	--	59	--	--	--	140. 10. 9.	112. 6. 5.
AUGUST	13.	0.	3. 19.	12. 2. 27.	6. 0. 14.	--	--	13. 2. 25.	47	534	--	59	--	--	--	140. 10. 9.	140. 10. 9.
SEPTEMBER	10.	6.	0. 25.	1. 18. 2. 20.	6. 0. 0.	--	--	1. 3. 1. 8.	--	76	--	76	--	--	--	96. 10. 1.	96. 10. 1.
OCTOBER	10.	5.	0. 18.	1. 2. 2. 20.	8. 0. 0.	1. 6. 0. 13.	18. 1. 20.	--	--	230	--	230	--	--	--	72. 9. 5.	105. 4. 4.
NOVEMBER	8.	2.	0. 12.	1. 4. 2. 13.	8. 0. 0.	--	--	14. 0. 27.	--	47	--	47	--	--	--	97. 4. 8.	72. 9. 5.
DECEMBER	10.	3.	0. 22.	17. 0. 14.	9. 2. 17.	--	--	16. 0. 0.	70	47	--	47	--	--	--	97. 4. 8.	97. 4. 8.
TOTALS	133.	15.	3. 8.	14. 18. 1. 2.	4. 10. 3. 3.	5. 0. 2. 13. 9.	3. 1. 9.	227	1249	29. 0. 0. 0.	0.	1324. 5. 7.	--	--	--	--	1324. 5. 7.

Total Expenditure during the period January to December, 1943 - £740. 7. 1.